

# ***Headquarters Air Combat Command***

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## ***Modernization - EMEDS AAR***



**COL MOORE  
HQ ACC/SGR**

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# ***Information Management/ Information Technology***

- **Ruggedized hardware**
  - Near-term solution needed to ensure equipment functions better in OIF environment. Compatible with SC hardware. Easier to sustain
- **Seamless electronic medical record: Central Repository/PIC**
  - Mid-term solution. Needs further investigation in light of TMIP-J program development.
- **Universal radiology electronic picture format**
  - Currently under review. Suggested to review Army's solution for applicability.
- **CD reference library**
  - Funding is the main issue.
- **Automated reports generator i.e. personnel reports**
  - Mid-term solution. Needs further investigation in light of TMIP-J program.



# ***Lab Services***

- **More diagnostic capabilities far forward**
  - **White Blood Cell diagnosis at Basic EMEDS level**
- **Avoid reliance on reagents that require special handling i.e. refrigerated reagents**
- **Self-calibrating/longer lasting equipment (e.g. ISTAT)**
  - **Currently requires frequent downloads of software patches that make running the system difficult in the field setting**
- **Improve BW/CW suspected substance sample preparation**
  - **Near-term solution needed for PCR sample replication**
- **Non-invasive lab sampling**



# ***Public Health/BEE***

- **Improved water testing capabilities**
  - **Capability to test water locally without sending samples to a reference laboratory**
- **Better ways of determining food wholesomeness**
  - **Better capabilities for food source selection**
  - **Better capabilities to test food prior to consumption**
- **Improved Algorithms for HAPSITE**
  - **Currently partially funded**
  - **Programming action for the FY06-11 POM**



# ***Infection Control***

- **Contagious Patient Treatment/Transport**
  - **AF programming guidance established as medical priority**
- **Regulated Medical Waste**
  - **Capability to neutralize biomedical waste**
- **Linen Management**
  - **Better methods of cleaning and sanitizing linens needed.**
  - **Mid-term solution needed.**



# ***Training Issues***

- **Better Basic Soldier Skills training  
(Referred to E&T work group)**
- **Clinic training based on evidence-based findings**



# ***Miscellaneous***

- **Hub-Spoke concept**
  - **Controversial issue.**
  - **Requires course of action analysis**
- **CAT Scan**
  - **Possible use at larger deployed medical facilities**
- **Pyxis**
  - **Generally not viewed as necessary**
  - **Provides better controls over select drugs**